OIPE
JUL 08 2006
PATENT & TRADEMARK OFFICE

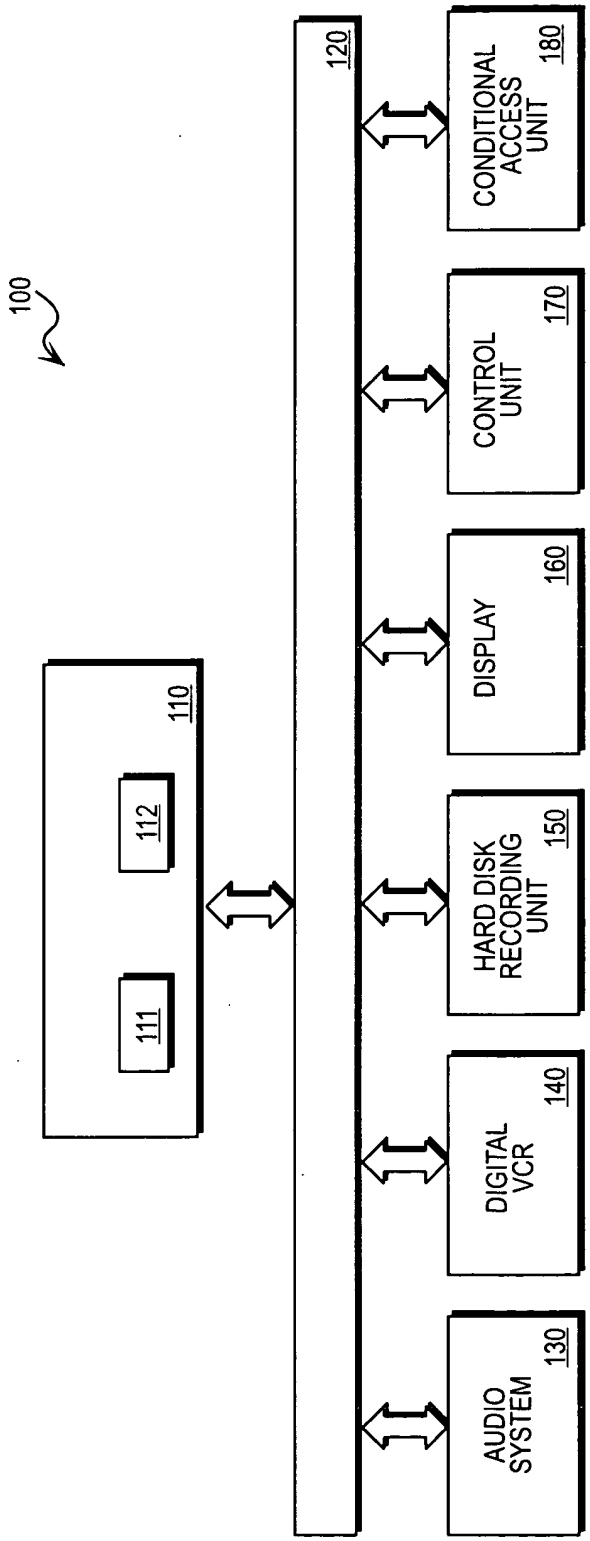

FIG. 1

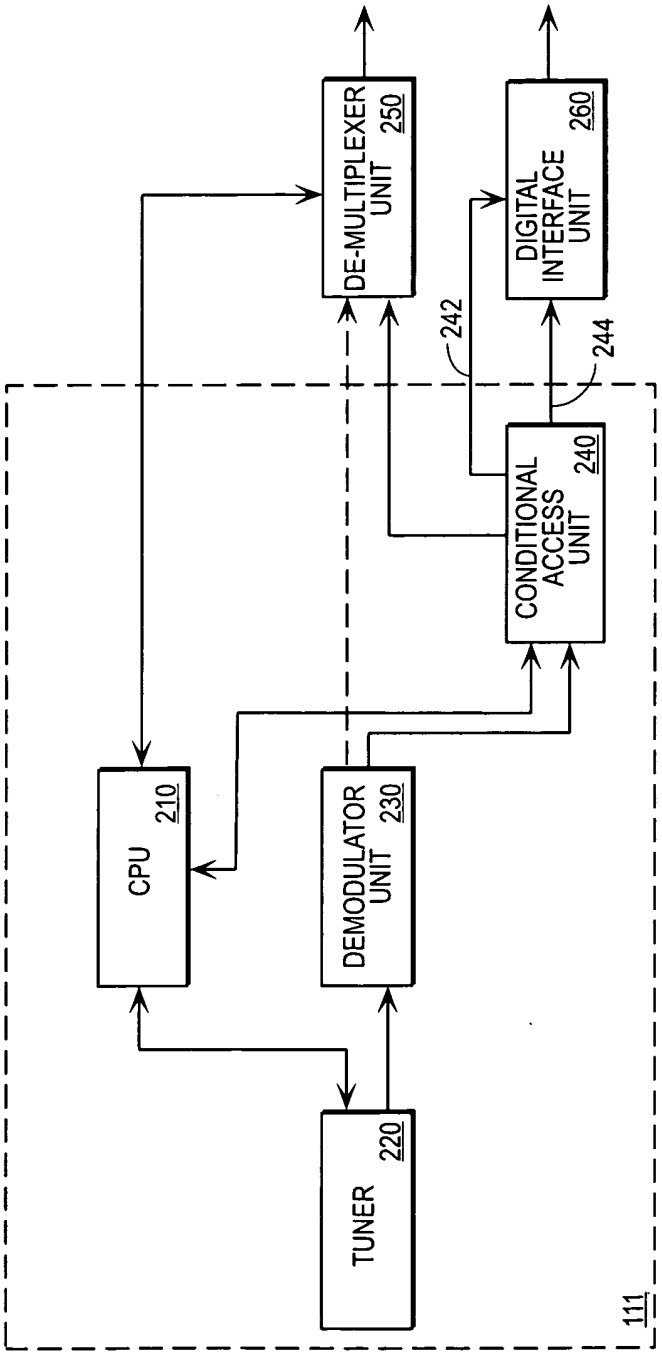
DE-MULTIPLEXER UNIT 250
DIGITAL INTERFACE UNIT 260
242
244
CONDITIONAL ACCESS UNIT 240
CPU 210
DEMODULATOR UNIT 230
TUNER 220
111

FIG. 2

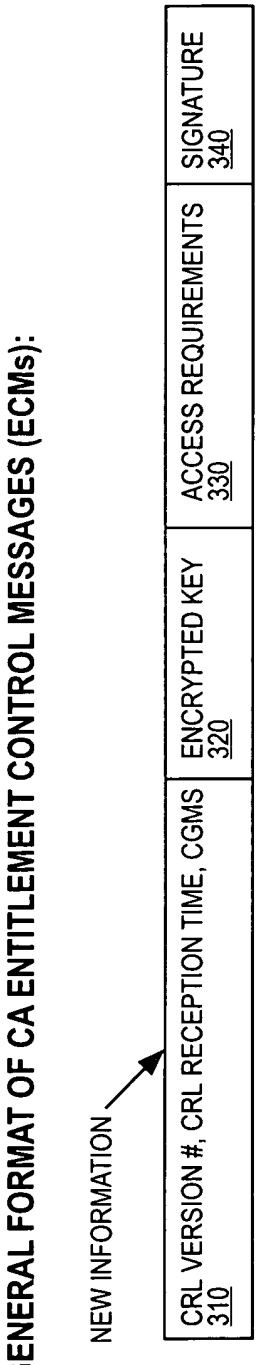
GENERAL FORMAT OF CA ENTITLEMENT CONTROL MESSAGES (ECMs):
NEW INFORMATION
CRL VERSION #, CRL RECEPTION TIME, CGMS 310
ENCRYPTED KEY 320
ACCESS REQUIREMENTS 330
SIGNATURE 340

FIG. 3

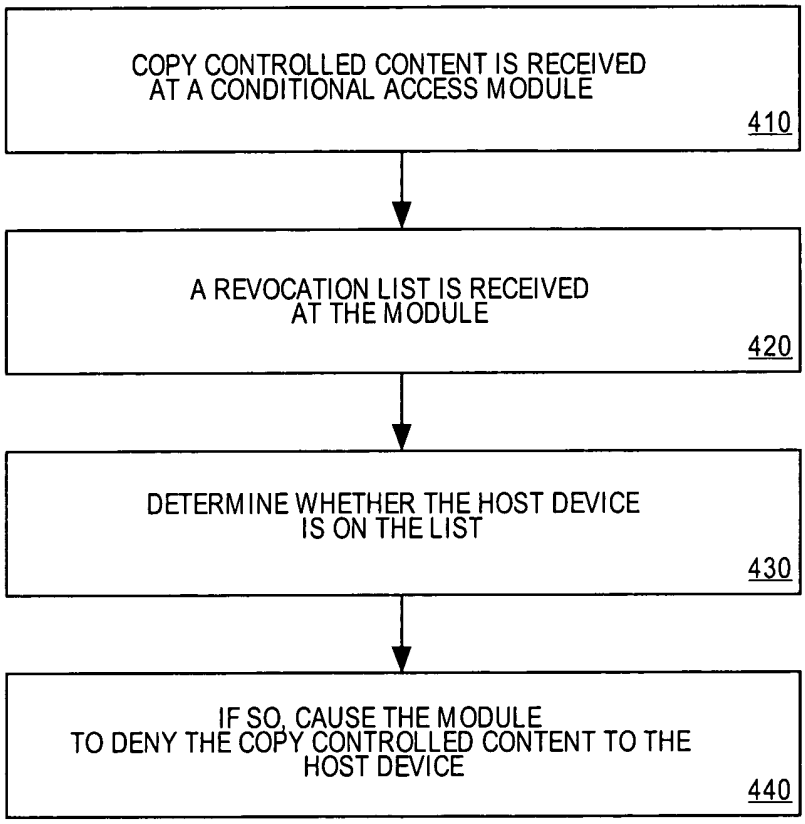
COPY CONTROLLED CONTENT IS RECEIVED AT A CONDITIONAL ACCESS MODULE
410
A REVOCATION LIST IS RECEIVED AT THE MODULE
420
DETERMINE WHETHER THE HOST DEVICE IS ON THE LIST
430
IF SO, CAUSE THE MODULE TO DENY THE COPY CONTROLLED CONTENT TO THE HOST DEVICE
440

FIG. 4